

**WHAT WE CLAIM IS:**

1. A water pump comprising:

- a driven portion;
- a shaft including a hollow portion for rotating with the driven portion as a unit;
- an impeller rotating with the shaft as a unit;
- a body including a cylindrical supporting portion inserted by the shaft;
- a bearing provided between an external peripheral surface of the supporting portion and an internal peripheral surface of the driven portion for rotatably supporting the driven portion; and
- a mechanical seal sealing one side of a cylindrical space defined between an external peripheral surface of the shaft and an internal peripheral surface of the supporting portion;
- wherein a vibration absorption member is disposed in the hollow portion of the shaft.

2. A water pump according to claim 1, wherein the vibration absorption member is made of an elastic material.

3. A water pump according to claim 1, wherein the vibration absorption member includes pores in its body.

4. A water pump according to claim 1, wherein the vibration absorption member having a predetermined size is pushed to place it into the hollow portion of the shaft

from an opening portion thereof.

5. . . . A water pump according to claim 2, wherein the vibration absorption member is formed by injection molding of softened elastic material into the hollow portion of the shaft from an opening portion thereof.